

393821119421401 Local number 085 N21 E20 35DCBA2 LYSIMETER 1 DEEP

Basin and Range basin-fill aquifers

Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°38'21.2", long 119°42'14.2" referenced to North American Datum of 1983, in NW ¼ SW ¼ SE ¼ sec.35, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

WATER-QUALITY RECORDS

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 10 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Oct								
05...	0930	Interstitial water	1,450	114	<.04	61.3	<.008	64.2
Nov								
02...	1043	Interstitial water	1,320	110	<.04	43.8	<.008	43.4
Dec								
07...	1123	Interstitial water	1,360	103	<.04	47.9	<.008	50.6
Mar								
01...	1139	Interstitial water	--	49.3	<.04	47.7	<.008	47.3
Apr								
05...	1207	Interstitial water	1,780	154	<.04	110	<.008	112
May								
04...	1234	Interstitial water	1,840	204	<.04	3.71	<.008	5.78
Jun								
01...	1242	Interstitial water	4,990	983	.19	63.8	.114	64.8
Jul								
06...	1113	Interstitial water	1,980	224	.16	5.48	.023	7.60
Aug								
02...	1155	Interstitial water	2,470	317	<.04	.09	<.008	1.95
Sep								
07...	0840	Interstitial water	2,100	374	<.04	<.06	<.008	1.28

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 2

[Remark codes: <, less than.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Oct								
04...	0855	Interstitial water	2,300	321	<.04	9.34	<.008	13.0
Nov								
01...	1048	Interstitial water	1,340	165	<.04	34.1	<.008	32.4
29...	0852	Interstitial water	1,500	142	<.04	40.9	<.008	38.2
Dec								
21...	1438	Interstitial water	1,470	135	<.04	38.1	<.008	39.7